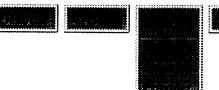
## caso's **Internet University**

#### Internet's Most Complete List of Online Courses



### IUHome: Courses: Provider: WISC



Name: University of Wisconsin CASO Code: V		
URL: http://www.uwex.edu/disted/catalog/	Email: help@conted.uwex.edu	
Label: University of Wisconsin	Accred.:	
	Phones:	
	fax	

Description:

--

Online degrees: --

Consortia: --

Tuition info:

\_\_

Courses - 8	Number	Cr.	Level	Dates
Calculus Offered On Line	MATH221	5 cr.	Undergrad	
Global Communications	COMM302	3 cr.	Undergrad	
Interpersonal Relations	EDUC388	3 ст.	Undergrad	
King Lear Online	ENGL0290	l cr.	Undergrad	
Resampling Statistics	EDUC796	3 cr.	Undergrad	
Small Group Communication Lab	COMM380	3 cr.	Undergrad	
Technology and Leadership	COMM303	3 cr.	Undergrad	
The Interpersonal Internet	COMM385	3 cr.	Undergrad	

For more info on the publisher or to order this book, please click here.

If you know of a Provider or of online college courses we have missed, please <u>TELL\*US</u>.



#### Internet's Most Complete List of Online Courses







### IUHome: Courses: WISC: COMM302



Course: Global Communications	Number: WISC#COMM302	
Provider: University of Wisconsin Credits: 3 cr.		Level: Undergrad
Tuition: \$312	Dates:	Mode:
Category: Online	Platform: All	DateChek: 70806

#### Description:

This course introduces teachers and business people to the opportunities, problems, and issues of the emerging global communications system. Participants discover life on the Internet, including global technology used for education, commerce, community-building, journalism, health, politics, and the arts. The course introduces the variety of multimedia services now available via the Internet and the World Wide Web. Students learn the tools for research and publishing using Netscape and are introduced to the HTML language to create electronic documents.

### Order your copy of this site's Companion Book today.

For more info on the publisher or to order this book, please click <u>here</u>. If you know of a Provider or of online college courses we have missed, please <u>TELL\*US</u>.

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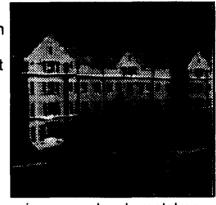


# IBM-Seton Hall University alliance will set new direction in higher education

#### **Agreement Transforms University's Offerings**

SOUTH ORANGE, N.J., February 26, 1997 -- Today IBM and Seton Hall announced a far-reaching agreement that will transform teaching, learning and administrative operations throughout the University. This one-of-a-kind agreement was signed today as part of Seton Hall president Monsignor Robert Sheeran's State of the University address.

Seton Hall is one of 36 colleges and universities that have joined <u>IBM Global Campus</u>, a collaboration that facilitates educational change. "Seton Hall is teaming with IBM because IBM offers that University the very finest resources for instructional technology.



IBM's vision for integrating technology into the higher education experience so closely matches our own goals for incorporating technology into the learning environment that we decided to formalize the collaboration with the signing of this agreement" Monsignor Sheeran said. "Our students and faculty are getting the technological advantages that will prepare them fully for the challenges of the 21st century."

IBM became interested in an alliance with Seton Hall two years ago when consultants from IBM's Global Education Industry Unit assisted a University committee in completing a five-year plan for information technology. "Seton Hall, through its information technology plan and budget, has made a tremendous commitment to incorporate technology into every aspect of the educational environment including student services, mobile computing, network-centered learning and digital libraries," said Sean C. Rush, general manager, IBM Higher Education. "This alliance means that Seton Hall is moving in the same direction as IBM towards the destination we call IBM Global Campus, a program that includes distributed learning and reengineering of business processes". Rush added, "Seton Hall is among the leaders in incorporating information technology in higher education. By working in collaboration with Seton Hall we can share the strengths of both organizations and work together to meet our goals."

Seton Hall has committed \$15 million over the next five years to implement its strategic information technology plan in the educational environment. The plan includes the following components:

- Student-Centered Learning allows students to obtain educational services any time and from any location. This creates a "distributed learning" environment that is more accessible to a greater number and wider variety of students.
- Network Computing using IBM software, such as Lotus Notes and Lotus LearningSpace, students and faculty have the ability to conduct class work and discussions via the Internet.

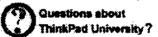
- Mobile Computing beginning in the fall of 1997, Seton Hall will begin its move to mobile computing for students and faculty, using IBM ThinkPad notebook computers. One-third of the incoming freshman class (fall, 1997) will be required to participate in mobile computing, with the entire freshman calls participating in the fall semester, 1998.
- IBM Digital Library students and faculty will be able to access archived information and other restricted material through a variety of electronic media, including text, images, audio and multimedia formats.
- Reengineering of Business Processes- administrators, staff, faculty and students will work
  with IBM consultants to redesign the University's business processes. Improvements will
  focus on increasing student satisfaction, improving productivity and efficiency and reducing
  costs associated with the current processes.

#### **Seton Hall University**

Seton Hall, founded in 1856 by Bishop James Roosevelt Bayley, is the largest and oldest Diocesan University in the United States. The more than 8,500 undergraduate and graduate students can choose from more than 40 undergraduate majors and 40 graduate programs. The university's main campus is located in South Orange, New Jersey, 14 miles from New York City.

#### **IBM's Global Education**

The Global Education Industry is a unit of IBM, the largest global information technology company. The Global Education Industry provides targeted products and services to K-12 and institutions of higher education throughout North America, Latin America, Europe and Asia.



02/15/98 15:47:50



## The Annenberg/CPB Project's Top Ten Distance Education Sites

The goal of the Annenberg/CPB Project is to make a quality higher education accessible to more people. Distance education or distance learning is a concept that has grown in popularity because of advancements in technology, demographic shifts, and the development of high-quality programs. Some distance education institutions, often called "open universities" outside the United States, deliver entire degree programs at a distance.

For a long time, distance education meant sitting in front of a television, listening to a lecture, and corresponding with the instructor or institution via letters. New technologies, not the least of which is the Internet, allow a greater level of interactivity in courses and wider access to more students.

In addition, the increasing demand for post-secondary education by nontraditional students who have personal or professional obligations that keep them from campus has driven the increase in courses offered at a distance.

The following sites either contain information about the practice of distance education or are sources from which to take part in programs delivered "at a distance."

#### 1) Distance Education World Wide Web Sites

A vast index of distance education resources, this site is an excellent starting point to the riches of international distance education on the Internet. Open universities are among the useful resources, in particular the British Open University, The Dutch Open University, and Flanders' EuroStudy Centre for Distance Education.

#### 2) The Comprehensive Distance Education List of Resources

For those who are interested in the technological aspects of distance education, this index covers sites that deal primarily with the transmission of educational materials via compressed T-1, DS-3, and microwave technology. Many thanks to those who have contributed to this list. It is rated sixteenth in the education category with respect to the number of hits per day (50). It is represented in 11 different countries and linked to over 150 other related home pages.

3) <u>Educational Technology Leadership Program--The George Washington University</u>
This index links to sites that offer information about the process of distance education as well as distance education institutions offering courses and degrees via distance education.

This site also includes very interesting full-text <u>articles</u> regarding distance education.

#### 4) Going the Distance (GTD)

Going the Distance is an educational initiative of the PBS Adult Learning Service and public television stations. Developed in response to the growing population of adults who want to earn a college degree at a distance, this initiative makes it possible for students to earn a two-year college degree through distance learning.

#### 5) Educom

Educom is a consortium of higher education institutions dedicated to increasing the effectiveness of education using the latest developments in information technology. Their World Wide Web and gopher servers offer access to resources designed to support this goal, such as information on educational conferences, publications detailing the latest developments in information technology and educational advancements, material on lobbying activities and related legislation, and more. Users will also find information on becoming a member of the consortium and the benefits that being a member provides.

#### 6) Distance Education and Related Links

This site links to a wide variety of distance education institutions and resources.

#### 7) U.S. Department of Education-Star Schools

This Web page looks at the Star School Program, administered by the U.S. Department of Education. The purpose of the program is to encourage improved instruction in mathematics, science, and foreign languages as well as other areas, such as literacy skills and vocational education. Using telecommunications, the program reaches underserved populations, including the disadvantaged, illiterate, limited-English proficient, and individuals with disabilities. The program is a good model for K-12 institutions looking into distance education.

8) The Yahoo list of distance education and on-line teaching and learning resources
This is a great place to jump off from into a number of areas pertinent to Distance Learning.

#### 9) The World Lecture Hall

The World Lecture Hall page contains links to pages created by faculty worldwide who are using the Web to deliver class materials. Some of the materials provided include course syllabi, assignments, lecture notes, exams, class calendars, multimedia textbooks.

#### 10) Maricopa's

Here you will find over 470 (and counting!) examples of how the Web is being used as a medium for learning including everything from sites that relate directly to a Maricopa class to courses delivered entirely via the Web to activities related to class assignments or course materials.

#### Back to Distance Learning

<u>Learner Online Home</u> | <u>Search</u> | <u>Get Info</u>

Copyright 1997 <u>The Annenberg/CPB Projects</u>
Please send all questions, comments, and suggestions to <u>info@learner.org</u>

### going the DISTANCE

### The GTD Project



About GTD

> GTD colleges

he virtual campus. That's what PBS's Going the Distance project is all about. GTD is a national effort by public television that assists colleges in developing distance degree programs. The goal? To ensure that by the year 2000, students in each state will have the opportunity to earn their college diplomas... entirely at a distance.

#### **About GTD**

There are several ways to find out about the Going the Distance project...

- \* Read a short description
- \* Read a full overview
- \* Watch a 10-minute video

You can also read an article on how distance learning programs like GTD are transforming higher education.



#### **GTD Colleges**

Click on a region of the country on the map to the left to find out which colleges and public television stations are participating in the Going the Distance project. Or use our text listing to select a region.



[ Business | US Market | Industry | IPO | S&P | International | PRNews | BizWire | Finance Home ]

Friday February 13, 7:07 pm Eastern Time

#### **Company Press Release**

## American Computer Experience and PBS Join Forces to Offer Free Cyber Lessons Online to 2.5 Million Visitors Per Month

ACE Challenges Kids to Design Web Sites and "Show What You Know" on the World Wide Web Through Co-Branding Deals With PBS, MaMaMedia and Headbone

ATLANTA--(BUSINESS WIRE)--Feb. 13, 1998-- American Computer Experience (ACE), one of the largest summer computer camps for kids taught at 21 prestigious universities nationwide, is offering free cyber lessons to anyone with Internet access.

Via partnerships with PBS, MaMaMedia and Headbone, ACE is helping to teach kids how to write computer code, design Web pages, do research on the Internet and develop essential computer skills.

"We are taking our extensive experience teaching thousands of kids every summer in camps onto the Internet. Using interactive teaching methods, we have discovered fun, exciting ways to stimulate and reward the learning process," said Douglas Murphy, chief executive officer of ACE.

PBS Kids, on the World Wide Web, will feature ACE's "How to Build a Web Page" application at their site. "Kids can create and post their own Web page for free and be entered into a national sweepstakes program. Five winners will be awarded a free trip to ACE for a summer camp session," said Murphy. PBS Kids claims extensive reach, including 50 million hits and 2.5 million visitors each month.

MaMaMedia Online will host ACE's "Show What You Know" contest online offering 10 kids a chance to win a free trip to the ACE summer camp. "Show What You Know" will be cross-promoted through MaMaMedia's in-school magazine with 250,000 copies distributed quarterly to campuses nationwide.

Headbone currently hosts ACE's Internet research contest featuring puzzles that can only be solved by finding information online. Headbone is currently touting 250,000 hits per month. "Our partners understand the ACE computer campers are the interactive grown-ups of tomorrow. By helping to extend ACE's reach, they are also reinforcing the integrity of their own online brands."

Originating in the summer of 1993 on the Stanford and MIT campuses, the ACE summer computer camp was designed for children ages 7 to 16 with all levels of computer experience, from beginners to experts. Campers can register for day or overnight camp sessions, and all coed classes are accompanied with a course-book written exclusively by ACE professionals.

In-depth information about this exciting, cutting-edge camp, as well as a showcase of camper programs

















## Welcome to Classroom Connect

The premier Web site for K-12 teachers and students...

Get ready for the Connected Classroom
Conference in Atlantic City, New Jersey, April
22-25, 1998. This exciting conference will host
2,500 educators who will gather to learn about the
latest technology, discuss classroom integration
techniques, and explore new products and
services available to educators. Check out our
online conference information, then register by
calling (888) 252-7776.

Join us in Chicago, March 25-28, 1998, for our regional training conference, the <u>Internet</u>

<u>Academy</u>. Over 1,000 teachers will gather at the Arlington Park Hilton for workshops, exceptional speakers, and our famous "Hands-On Labs." Don't miss this exceptional learning opportunity.

Classroom Connect has <u>jobs</u> available. Consider joining our team!

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### **SATLINK** Internet

Welcome to SATLINK Internet, the official website of the Education SATLINK magazine and programming guide a comprehensive listing of educational programs via satellite. Through SATLINK Internet, educators can discover distance learning's potential to offer students and fellow educators experiences and resources otherwise beyond their reach.

SATLINK Internet is a service of the <u>Missouri School Boards Association</u> and the ESN Star Schools Clearinghouse. Development of SATLINK Internet is funded in part by the Office of Educational Research and Improvement, U.S. Department of Education under grant number R203C40001. The content of this resource does not necessarily reflect the view of MSBA, OERI, the Department of Education or any agency of the U.S. government.

- What is the Star Schools Program
- SATLINK Updates & Corrections
- Education SATLINK current edition
- Field trips, teleconferences, network programs via satellite and Curriculum Categories
- Instructional courses via satellite
- Sat-Links
- Satellite Sourcebook (program providers directory)
- Classroom Support Materials
- ESN Member Services
- SATLINK Archives
- Subscribe to SATCHAT (SATLINK Instant Update Service)

  NOTE:Include "subscribe satchat" in body text
- SATCHAT

Send questions, comments and suggestions about editorial content and programming to: <u>Dalton@msba.gen.mo.us</u>		
Tune Up to		
Nº Netscape		
Best viewed with Netscape Communicator. Download Netscape Now!		

Herry Wasterland Products in Surveys

Send mail to webmaster@msba.gen.mo.us\_with questions or comments about this web site. Last modified: August 21, 1997

#### STAR SCHOOLS PROGRAM

The Star Schools Program provides quality, cost-effective instruction through distance education technologies to more than 1,640,000 learners annually in 50 states and U.S. territories. Although the program began with small rural schools in 1988, it is now equally valuable to schools in large urban areas. Projects offer instructional modules, video field trips, enrichment activities and semester-long and year-long courses. Through Star Schools, students can question astronauts about the principles of physics. Japanese- and German-language students can talk with native speakers and visit Japan and Germany through live and interactive teleconferences. For most students served, distance learning is their only access to science, math, foreign language and advanced placement courses.

#### HOW DO STAR SCHOOLS PROJECTS WORK?

To deliver services, projects use many distance education technologies--satellite delivery systems, open broadcasts, cable, fiber optics, microcomputers, digital compression, interactive videodiscs, facsimile machines, the Internet and the ordinary telephone.

#### WHAT SERVICES ARE AVAILABLE FROM STAR SCHOOLS PROJECTS?

Through Star Schools projects, schools have access to instructional programming, including hands-on science and mathematics, general mathematics, algebra, calculus, physics, advanced placement courses and workplace skills. Foreign language offerings include Arabic, Japanese, Mandarin Chinese, Russian, Spanish and Swahili. Instructional programs serve K-12 students, including limited English-proficient students and disabled students. High School Completion and Adult literacy programs are also available. Teachers and other educational personnel can participate in teleconferences and communicate with colleagues in other places through staff development programs and formal in-service courses designed to meet local needs. Classes are also available that are designed to improve parents' abilities to ensure their children greater success in school.

#### ARE STAR SCHOOLS PROJECTS EFFECTIVE?

Based on the success of the first eight years of the program, the answer is "yes." About 3,500 "Young Astronauts" in fourth through sixth grades phoned questions to Col. Fred Gregory, veteran of three space shuttle missions. Elementary school students learned and asked questions about the brain through a teleconference and continued discussing what they had learned through computer-based networks. Software created under a Star Schools grant helps teachers navigate the Internet.

#### WHO OPERATES STAR SCHOOLS PROJECTS?

The U.S. Department of Education awards grants to telecommunications partnerships to operate Star Schools projects. Partnerships include local school districts, state departments of education, public broadcasting entities and other public and private organizations. For more information, contact Tawanna Coles, Technology Applications Team, U.S. Department of Education, 555 New Jersey Ave. N.W., Washington, DC 20208-5644, or E-mail her at tcoles@inet.edgov.

#### **GENERAL PROJECTS**

#### **Education Service Center, Region 20**

United Star Distance Learning Consortium is a partnership of five state departments of education, a regional education service agency (Education Service Center, Region 20), a university (Western Illinois University) and a business partner (TI-IN Network). Programming focuses on six areas: safe schools, multiculturalism, workplace readiness, educational success for mobile families, quality math and science education, and effective technology use. No fees are required to receive these broadcasts. Don Knezek is

project director.

Contact: James Taylor, 800-367-8446

E-mail: donk@tenet.edu; nrobbins@tenet.edu

Service Area: Nationwide

#### **TEAMS Distance Learning at Los Angeles County Office of Education**

TEAMS Distance Learning/Connections 2000 produces live, satellite-delivered learning programs in mathematics, science, social science, language arts, and technology for upper-elementary and middle school students, teachers and parents. This project serves a student population in grades K-7, their parents and their teachers. Donald Lake is project director. Contact: Kitty Salinas, 310-922-6635

E-mail: salinas kitty@lacoe.edu

Service Area: Twenty-one states plus District of Columbia and U.S. Virgin Islands. "Connections 2000" partners include the school districts of Boston, Charlotte-Mecklenburg, Detroit, District of Columbia, and the states of Arizona, Georgia, Missouri, New Mexico and Utah.

#### Ana G. Mendez University System

The Star Link Network will improve educational achievement in math, science and social studies of limited English-proficient Puerto Rican students who come from families below the poverty level and are eligible for Chapter 1 services. SLN will give teachers tools and training to improve their teaching methods and will develop curricula for computer literacy, technology and its impact on our lives, the environment and healthy lifestyles.

Contact: Maria Lopez, 809-751-0178, ext. 7102

E-mail: ac mlopez@suagm2.suagm.edu

Service Area: Puerto Rico and Hispanic students in the United States

#### **Educational Service District 101**

This project expands its previous Star Schools activities with new elementary, middle and high school courses in foreign languages, science and preparation for work. Educator and adult activities will include summer training institutes for current and future distance learning instructors and a series of in-service programs addressing systemic reform of education, drug/alcohol prevention, early childhood education and technology in the classroom. Steve Witter is project director.

Contact: Dr. A. Nancy McKay, 509-323-2738

E-mail: nmckay@esdtcom.wednet.edu

Service Area: Alaska, Colorado, Idaho, Indiana, Montana, Oregon, Washington, Hawaii and Pacific

Region

#### Four Corners Distance Learning Partnership

The College of Eastern Utah is building a 17,000-square-mile "electronic campus" to enhance educational opportunities for rural and Native American students in the Southwest's Four Corners region. Studios at the main campus and receiving classrooms will be developed. Faculty will create televised courses for students from kindergarten through adult, featuring general education and applied technology subjects. Partners include the San Juan County (Utah) School District, Aneth Community School (Bureau of Indian Affairs) and the Utah Education Network.

Contact: Michael Petersen, 801-637-2120, ext. 5220

E-mail: mpetersen@facutly.ceu.edu

Service Area: Arizona, Colorado, New Mexico, Utah

#### Massachusetts Corporation for Educational Telecommunications

"HealthLinks" will take a comprehensive approach to addressing critical health, education and employment issues affecting urban youth. Through multiple technologies, "HealthLinks" will provide

education programs to at-risk adolescents and young adults and professional development to educators working with these groups. MCET and its partners will develop and implement instruction on health, literacy, transition from school to work, dispute resolution, parenting and similar subjects through videoconferencing, computer networking, satellite broadcasts, videodiscs and CD-ROM.

Contact: E. Molly Laden, 617-252-5700, ext. 732

E-mail: molly@mcet.edu

Service Area: Boston, Mass.; Springfield, Mass.; Hartford, Conn.; Washington, D.C.; New York City

#### Oklahoma State University and Northern Arizona University

OSU's German and NAU's Spanish programming will now also be offered for elementary and secondary grade levels. They will provide innovative science and math instruction to elementary and secondary students; in-service teacher education programs; and expand the range of telecommunications technologies used to support these programs. Contact: OSU\_Mike Silva, 405-744-8709; NAU\_Sam Levy, 602-523-1287

E-mail: OSU-msilva@okway.okstate.edu; NAU-sil@al.ucc.nau.edu

Service Area: Nationwide

#### STATE PROJECTS

#### The Kentucky Telelinking Network

The Kentucky Telelinking Network is a state-wide integrated network that includes voice, video and data. KTLN links the eight state universities with more than 60 school districts throughout the state. Programming includes K-12 applications, higher education applications and economic development applications.

Contact: Karen (Sam) Miller, 502-852-5550

E-mail: MClark@KET.ORG Service Area: Kentucky

#### **Iowa Communications Network**

The Iowa Communications Network (ICN) is a statewide fiber optics network providing full-motion, two-way video, data and voice services to each of Iowa's 99 counties. Currently, there are 270 video classrooms on the ICN.

Contact: Pamela Adams Johnson,

515-242-4180

E-mail: pam@iptv.org Service Area: Iowa

#### Mississippi Educational Network

In conjunction with the Mississippi Department of Education and other state and private entities, Mississippi ETV will develop a statewide telecommunications network to deliver instructional programming using two-way interactive video, voice and data telecommunications. Contact: Larry Miller, 601-982-6565

E-mail: <u>lmiller@ihl.state.ms.us</u>

Service Area: Mississippi

#### **DISSEMINATION PROJECTS**

#### **Missouri School Boards Association**

The Education Satellite Network's Star Schools Clearinghouse will disseminate information about distance learning programming through Education SATLINK, a monthly program guide and magazine. Also available is SATLINK Internet; toll-free telephone technical support; the Distance Learning Primer;

the Developing a Distance Learning Program Handbook; and classroom utilization teleconferences.

Contact: Dr. Carter D. Ward,

573-445-9920

E-mail: ward@msba.gen.mo.us
Service Area: Nationwide

#### FAR WEST LABORATORY

#### WestEd Distance Learning Resource Network

This project will make available information on computer conferencing, the national information infrastructure, national content standards, audio conferencing, compressed video applications, distance learning classroom design, equipment interoperability and model study-to-work transition programs provided through distance learning. Information will be available electronically.

Contact: Carla Lane, Ed.D.,

415-241-2726

E-mail: <u>clane@wested.org</u> Service Area: Nationwide

Center for Language Minority Education and Research - California State University Long Beach

The Far View project disseminates information about Star Schools programs and distance learning to educators, policy- makers, parents and community members. Print and video resources available from Far View can help schools and communities enrich teaching and learning by integrating Star Schools programming and educational technology into instructional programs. Contact: Raynette Sanchez, 310-985-7440

E-mail: <u>rsanchez@inet.ed.gov</u> Service Area: Nationwide

## HIGH SCHOOL COMPLETION AND ADULT LITERACY PROJECTS

#### University of Nebraska-Lincoln

The Independent Study High School CLASS Project will provide individual students with access to interactive, flexible course materials that include data, graphics and video material and that incorporate electronic interactivity between student and student, student and teachers, and students and external resources.

Contact: Monty McMahon,

402-472-4341

E-mail: classweb@unlinfo.unl.edu

Service Area: National

#### **Educational Service District 101**

The Pacific Star School Partnership is a multistate consortium that proposes to develop three interactive broadcast courses: "GED by Satellite," "Self-paced GED" (a CD-ROM project) and "Career Two," an interactive course geared to displaced adult workers who need retraining.

Contact: Steve Witter, 509-456-7685 E-mail: switter@esd101.wednet.edu

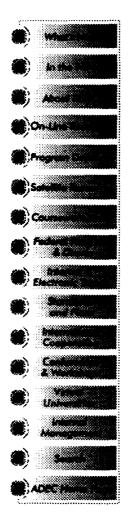
Service Area: Alaska, Arizona, Colorado, Hawaii, Idaho, Indiana, Oregon, Washington, Pacific Region

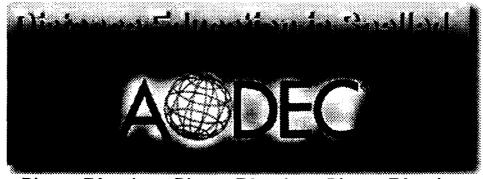
#### **Public Broadcasting Service**

LiteracyLink will create a pre-GED/Workplace Basic Skills video service that responds to the need for pre-GED course work, and a new video and on-line materials (GED Skills 2000) that will reflect the new emphases of the revised GED exam. Also through their on-line use, both new series will be available for conventional broadcast by public television.

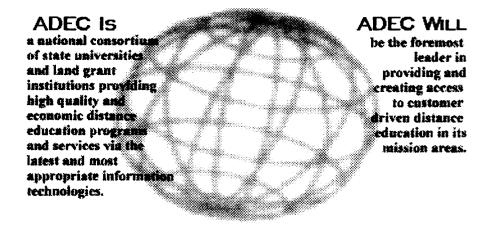
Contact: Jinny Goldstein or Michael Fragale, 703-739-5360

E-mail: mfragale@pbs.org
Service Area: National

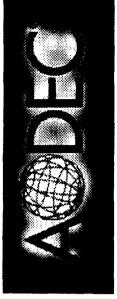


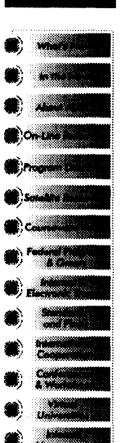


Distance Education... Distance Education... Distance Education...



E-mail Site Manager: adec006@unlvm.unl.edu Last Updated: February 13, 1998





#### Distance Education... Distance Education... Distance Education...

### ADEC and Virtual Universities

"Toward Common Vision and Action"

#### **BACKGROUND**

#### THE SITUATION

Virtual Universities are making headlines. The Western Governors' Association, working with the Western Interstate Commission for Higher Education (WICHE) has a fast track action planning process underway to create the "Western Virtual University." The full proposal "A Western Virtual University: From Vision to Reality" is up on the World Wide Web (<a href="http://www.wiche.edu/telecom/telecom.htm">http://www.wiche.edu/telecom/telecom.htm</a>). The WICHE Homepage also includes information on the SmartStates initiative created by western state governors as a mechanism to "manage change for the benefit of government, business, and citizens." The initiative states that "information technology is the single most powerful agent of change in organizational life, and there are three key avenues through which the Governors can harness this change to promote market efficiency in the development of accessible, cost-effective networked services for the public and private sectors."

There are many virtual university activities going on in the private and public sectors. For example, Microsoft has a Virtual University Institute, with a mission currently described as "brokering" through technology arrangements between teachers and learners. Microsoft says they will make matches and take a percentage for overhead.

ADEC is currently partnering with North Carolina State University, University of Illinois, as well as appropriate others as identified, to move forward to develop an ADEC Virtual Learning Environment.

#### ISSUES FROM WESTERN GOVERNORS/WICHE INITIATIVE

The Western Governors' Initiative paper identifies some of the reasons they want to form a Western Virtual University:

- better link educational and business opportunities better educational environment for the private sector
- shift certification and incentive mechanisms to open marketplace environment
- change way accrediting is done "competency based" see "Schools Out" - Lewis Perelman (he is on the advisory panel for this) develop new currency that makes learning "portable" in the marketplaces of employment and academe.

 expand marketplace for instructional materials - Simon and Schuster have given the Governors/WICHE \$150,000 for planning this remove state barriers so educational markets can function freely

The Governors say they want the plan fully in place by June 1996 and the Western Virtual University operational by June 1997. They want the university to be market oriented, independent ("not controlled by those who represent established interests with regard to either the delivery of education or its certification); client-centered; degree-granting; accredited; competency-based; non-teaching (drawing on capacity from anywhere public or private); high quality; cost-effective (reduce per student costs and time to degree); regional, quickly initiated (no lengthy study or developmental work). There is a regional advisory group and governors may appoint state advisory groups.

## "USING INFORMATION TECHNOLOGY TO ENHANCE ACADEMIC PRODUCTIVITY"

This 1995 EDUCOM report by W. F. Massey and R. Zemsky identifies the following points of significance to ADEC members:

- 1. "Investments in knowledge codification, delivery systems, and assessment techniques will decouple the provision of learning from the certification of mastery."
- "Information technology "will place the advantage with the learner rather than the institution by creating a more effective market in learning as opposed to a controlled allocation of scarce teaching resources."
- 3. "Given the tremendous knowledge base already extant in their communities, higher education institutions have a significant advantage in capturing this new market in learning but only if they invest their resources wisely. If universities use the business as usual, non-adaptive strategy other organizations will cherry pick the knowledge base and intellectual property that colleges and universities have helped to develop but have been unable to exploit in terms of revenues. The result will be research universities will lose out competitively and nontraditional providers will take over a great share of the education market."
- 4. "Higher education's core values will be at risk if more and more undergraduate education shifts to nontraditional providers.

  Ironically, those research institutions which are most adaptive, most flexible, and most capable of developing information technology utilizations seem to have the least incentive to do so. Their very strength permits them to maintain the traditional ways."
- 5. "Institutions have a great deal to lose or gain depending on their decisions about technology, if colleges and universities fail to adapt effectively, other kinds of institutions will take up the challenge."

## Program Links Since 12/22/97 -> 3 1 4 4

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A*DEC Distance Learning Consortium	http://www.adec.edu/	
Alaska Distance Learning Program	http://dist_ed.alaska.edu	
Association for Institutional Research	http://apollo.gmu.edu/~imilam/air95.html	
Athabasca University - Dan West	http://www.athabascau.ca/	
Bell College of Technology	http://flotiu.bell.ac.uk/floti/default.htm	
California Virtual University	http://www.california.edu	
Cambrian College Distance Education	http://www.cambrianc.on.ca/~distance/disted.htm	
CAUSE _Using & Managing Info Resources Higher Ed	http://cause-www.Colorado.edu/	
Center for Advanced Study of Telecommunications	http://128.146.105.96/cast/default.html	
Center for Excellence in Distance Education	http://www.lucent.com/cedl/	
Cerro Coso Community College	http://www.cc.cc.ca.us	
Chattanooga State Technical College Distance Ed	http://cstcc.chattanooga.net/distance.html	
Chemeketa Community College	http://bbs.chemek.cc.or.us	
City University Homepage	http://weber.u.washington.edu/~instudy	
College of Dupage	http://www.dupage.edu	
Commonwealth of Learning	http://www.coi.org	
Department of Energy Distance Education Links	http://www.hr.doe.gov/~techasst/distance.html	
Distance Ed at SFASU, Texas	http://www.education.sfasu.edu/emc/dlearning.html	
Distance Education in Arizona	http://ag.arizona.edu/internet/educ_sites.html	
Distance Education in the Natural Sciences	http://www.ouh.nl/nw/nw.html	
	http://www-rhet.agoff.umn.edu/web-docs/	
Distance education Training	instructors/bomash.html	
Distance Learning at FunnelWeb	http://funnelweb.utcc.utk.edu/~wallace/de.html	
Dowling College	http://www.dowling.edu/whatsnew/excel/welcome.htm	
Edith Cowan University Exetrnal Studies Dept.	http://www.cowan.edu.au/prospectus/how/ext.html	
European Commission: Telematics for Libraries	http://www.echo.lu/libraries/en/liblearn.html	
Free On-Line Environmental Courses	http://www.geocities.com/Eureka/Plaza/1697	

Georgia Tech Institute for Distance Learning	http://www.conted.gatech.edu/distance/cdl-home.html
Indiana School of Education -Disted Program	http://www.indiana.edu/~eric_rec/prodev/de.html
Indiana University Courses	http://education.indiana.edu/~disted
Indiana's Comprehensive Distance Education System	http://www.ind.net
Internet University	http://www.capecod.net/caso/other-d.html
ITU Information	http://www.itu.ch
Knowledge Online (formerly Mind Extension U.)	http://www.jec.edu
Learn Skills.com	http://www.learnskills.com
Magellan University: Online training	http://magellan.edu/
Miami Christian University-PHD in Theology	http://mcu.edu/
Michigan State University	http://www.vu.msu.edu/#SW830
Michigan Virtual Automotive College	http://www.mvac.org
Missouri School Board Association Sat 082697Links	http://www.msba.gen.mo.us/satlink.htm
National Academy of Sciences	http://www.nas.edu
National Technological University (NTU)	http://www.ntu.edu
New England Institute for Psychoanalytic Studies	http://www.neips.org
New Hampshire College	http://www.dist-ed.nhc.edu/
New York Institute of Photography	http://www.nyip.com
North Carolina Research & Education Network	http://www.ga.unc.edu/NCREN/
Notre Dame's Executive MBA Program	http://www.nd.edu/~execprog/
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Ohio State University - Lifelong Learning Programs	http://www.cats.ohiou.edu/~liflear/index.htm
	http://www.cats.ohiou.edu/~liflear/index.htm http://www.cs.odu.edu/~tele/iri/index.html
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Royal Roads University's Distance Education	http://www.royalroads.ca
Saint Louis University School of Nursing	http://www.slu.edu/colleges/NR
Simon Fraser University-Center for Disted	http://labmac2.cstudies.sfu.ca/over.html
Southern California University for Prof. Studies	http://www.scups.edu/
STEP Star Network	http://www.esdtcom.wednet.edu
Syracuse Univ. Independent	http://www.maxwell.syr.edu:80/maxpages/
Study Degree Programs	students/wzhang17/isdp/
Syracuse University Continuing Education Online	http://www.suce.syr.edu/online
The Bell Center for Distance Education	http://www.bell.ca/bell/eng/products/biz/video/partners.htm
The Center for Distance Learning Research	http://www.cdir.tamu.edu
The Distance Learning Help System	http://www.quebectel.com/saad/indexang.htm
The George Washington University Ed Tech Program	http://www.gwu.edu/~etl/
The Graduate School of America	http://www.tgsa.edu
The NODE (Ontario's Network for Learning)	http://node.on.ca
The Stanford Distance Learning System	http://minas.stanford.edu/project/project.html
The Western Governors University	http://www.westgov.org/smart/vu/vu.html
Thomas Edison State College	http://www.tesc.edu
to The New School's Cyberspace Campus, DIAL	http://www.dialnsa.edu
University College of the Cariboo	http://www.cariboo.bc.ca/compserv/mediasrv/itv/itv.htm
University of Alabama	http://ua1ix.ua.edu/~disted/info/disted.html
University of Berkley	http://www.uofb.com
University of Georgia	http://www.coe.uga.edu/ldcenter/
University of Louisville	http://www.louisville.edu/groups/distance-www
University of Maryland Instructional Development	http://www.umuc.edu/suppserv/oid/id.html
University of Minnesota GenEdWeb	http://www.mrs.umn.edu/genedweb/
University of Phoenix On-line Campus	http://www.uophx.edu
University of Washington	http://weber.u.washington.edu/~instudy
University of Western Ontario	http://www.ptce.uwo.ca/progmenu.html
Utah Education Network	http://www.uen.org

Utah System of Higher Education:	http://www.utahsbr.edu/tech/intro.htm
Vermont Interactive Television by Walter Deinzer	http://www.vtc.vsc.edu/vit
Video Instructional Programs (VIP)at Univ of Mass.	http://zonker.ecs.umass.edu/vip/index.html
Videoconferencing	http://mcindy.cs.colorado.edu/home/homeii/videoconf.html
Virtual Classrooms and Distance Education	http://pocari.stanford.edu/doc/stanford.adl.proposal.html
Walden University	http://www.waldenu.edu
Was the NDLC	http://www.occ.uky.edu
Waukesha County Technical College	http://www.waukesha.tec.wi.us/online.html
WebLab at IUPUI (Indianapolis)	http://weblab.iupui.edu/
WebSter- The Cyber surfer	http://www.tgc.com/websec/40190.html
Western Michigan University	http://www.wmich.edu/sip
Intercultural Open University	http://www.noord.bart.nl/~iouedu/
The Global Peace University	http://www.xs4all.nl/~tgpu/

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Annenberg/CPB Project	http://www.learner.org/content/acpbinfo.html
Arlington Courseware	http://www.crl.com/~gorgon
Ascend Corporation	http://www.ascend.com
Association for Ed. Communications & Tech	http://www.aect.org/
Astrocom Corp.	http://www.astrocorp.com
AVL Electronics Corp.	http://avl.netopia.com
Bear's Guide to Earning Degrees Nontraditionally	http://www.degree.net
Big Bend Engineering	http://www.bbevision.com
Books and Resources in Adult Ed	http://nlu.nl.edu/ace/books.html
California Community Colleges Academic Senate	http://www.academic_senate.cc.ca.us
CAPA: Assingments, Quzzes, etc.	http://www.pa.msu.edu/educ/CAPA
Center for Peacemaking and Conflict Studies-Disted	http://www.fresno.edu/pacs/distance.html
Centra Software	http://www.centra.com/
Chronicle of Higher Education	http://chronicle.merit.edu
Convene International	http://www.convene.com
Dascom Systems	http://www.dascom-systems.com
Digimark	http://www.digimark.net/wow/goto.html
Distance Ed. Instructional Technology Group	http://www.deit.hawaii.edu/deit.html
Distance Education And Training Council	http://www.dc.enews.com/clusters/detc/
Distance Learning Resource Network	http://www.fwl.org/edtech/dlrn.html
Eastview Industries	http://www.webcom.com/dascom/evi.html
First Forward Institute, Inc.	http://www.laser.net/ffi
Flexible Learning Systems	http://www.flexlearn.com
Force, Inc.	http://www.forceinc.com
Honolulu University - Notice the .com in the URL	http://honolulu-university.com/
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Kinko's Copy Center Videoconferencing rooms	http://www.kinkos.com/products/catalog/vc.html
LearnWell Resources, Inc.	http://www.learnwell.org/~edu/ivy.shtml

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Midwestern Higher Edcuation Consortium	http://www.umn.edu/mhec/
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One Touch Systems - Keith Woolner	http://www.onetouch.com
OnLine Training, Inc.	http://www.oltraining.com
PBS - Public Bradcasting Adult Learning Service	http://www.pbs.org/
Picturetel Corp.	http://www.picturetel.com
Pierce-Phelps Corp	http://www.timetool.com
Proximity Videoconferencing	http://www.proximity.com/proom.html
Question Mark Testing	http://www.questionmark.com
Saratoga/CVC	http://www.cvideoc.com/
Singing the Distance	http://www.singing.com.au/
Target Pro Productions	http://targetpro.com
Teletraining Institute	http://www.teletrain.com
The Home Education Network	http://www.THEN.com
The New School - DIAL	http://www.dialnsa.edu
The Nuance Group	http://www.access.digex.net/~nuance/disted1.html
The Vtel Corporation - Videoconferencing	http://www.vtel.com
Tutor2000	http://www.tutor2000.com
TVR Communications	http://www.tvrc.com
United Stated Distance Learning Association	http://www.usdla.org/
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UOL (University Online) Publishing	http://www.uol.com
VC Quest	http://www.vcquest.com
Video Web Log	http://figment.fastman.com/uweb/html/vidman.html
Virtual Technology Corporation	http://www.vamail.com
VTEL Users Group	http://www.tpoint.net/vuga



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The United States Distance Learning Association is a non-profit association formed in 1987 by Patrick Portway, Dr. Smith Holt of Oklahoma State University and Dr. Ralph Mills of California State University. The association's purpose is to promote the development and application of distance learning for education and training. The constitutents we serve include K through 12 education, higher education, continuing education, corporate training, and military and government training.

Toward this purpose the United States Distance Learning Association convened a National Policy Forum in July 1991 to develop and publish a set of National Policy Recommendations that have been the basis of legislative and administrative proposals in education and telecommunications policy.

The association has become the leading source of information and recommendations for government agencies, Congress, industry and those entering upon the development of distance learning programs. USDLA began a process in 1993 of establishing <u>chapters</u> in all fifty states. In addition, USDLA holds annual meetings with leaders of distance learning programs in Europe and Asia.



- Goals
- Achievements

## Distance Learning

• Definition